GRID DEPLOYMENT OFFICE

## HYDROELECTRIC INCENTIVES PROGRAM

# HYDROELECTRIC PRODUCTION INCENTIVES

Hydropower is key to building a 100% clean energy future. The United States currently gets 6.3% of its electricity—and 28.7% of its renewable electricity generation—from hydropower facilities, which provide a reliable and flexible source of power. Hydropower also provides critical energy storage, and pumped storage hydropower accounts for 93% of all utility-scale energy storage capacity in the United States. But as today's facilities age and become more expensive to maintain, the United States risks losing a major source of clean energy and well-paying jobs.

Leveraging operational flexibility and energy storage capabilities, hydropower ensures that the availability of clean, reliable generation capacity to provide clean, resilient, and affordable electricity. The President's **Bipartisan Infrastructure Law** (BIL) invests in maintaining and enhancing existing hydroelectric facilities to ensure generators continue to provide clean electricity, while improving dam safety and reducing environmental impacts.

**On October 11, 2023, the Department of Energy's Grid Deployment Office announced the 2023 recipients of Hydroelectric Production Incentives.**

The Hydroelectric Production Incentive Program was authorized by Congress through Section 242 of the Energy Policy Act of 2005. The program provides incentive payments to qualified hydroelectric facilities for electricity generated and sold. Though originally authorized in 2005, Congress first directed funding to the program in 2014 and has since directed funding to the program annually through the appropriations process. In November 2021, Congress also directed $125 million for the program through the Bipartisan Infrastructure Law.

Since 2014, DOE has distributed more than $89 million in Hydroelectric Production Incentives. In 2023, 66 hydroelectric facilities are receiving a total of $38 million in incentive payments. Nine of those recipients were eligible under inadequate electric service eligibility criteria.

### HYDROELECTRIC INCENTIVES PROGRAM

**The Hydroelectric Incentives Program consists of three separate incentive categories: production, efficiency improvements, and maintenance and enhancements.**

- **Hydroelectric Production Incentives** provide $125 million in incentive payments to qualified hydroelectric facilities for electricity generated and sold, with an emphasis on communities with inadequate electric service.
- **Hydroelectric Efficiency Improvement Incentives** provide a total of $75 million in incentive payments to owners or operators of existing hydroelectric facilities who may apply for funding to make capital improvements that can increase efficiency by at least 3%.
- **Maintaining and Enhancing Hydroelectricity Incentives** provide $553.6 million in incentive payments to enhance existing hydropower facilities through capital improvements directly related to three main areas: grid resiliency, dam safety, and environmental improvements.

### HELPFUL LINKS

- Hydroelectric Production incentive
- Hydroelectric Incentives Program
- Grid Deployment Office | Department of Energy

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GRID DEPLOYMENT OFFICE

# 2023 HYDROELECTRIC PRODUCTION INCENTIVE RECIPIENTS

On October 11, 2023, the Department of Energy's Grid Deployment Office announced the 2023 recipients of Hydroelectric Production incentives, part of the Bipartisan Infrastructure Law's Hydroelectric Incentives Program.

| | |
|---|---|
| Juniper Creek Hydroelectric Project | Eagle River, AK |
| South Fork Eagle River Hydroelectric Project | Eagle River, AK |
| Gartina Falls Hydroelectric | Hoonah, AK |
| Hiilangaay Hydroelectric Project | Hydaburg, AK |
| Gunnuk Creek Hydroelectric | Kake, AK |
| Whitman Lake Hydroelectric Project | Ketchikan, AK |
| Terror Lake Hydroelectric Project - Third Unit | Kodiak, AK |
| Blue Lake Project | Sitka, AK |
| Allison Creek Hydroelectric Project | Valdez, AK |
| Isabella Fish Flow Hydroelectric Project | Kern County, CA |
| South Fork Powerhouse | Pollock Pines, CA |
| Carter Hydro | Berthoud, CO |
| Granby Hydro | Granby, CO |
| Miller Creek Ditch Hydroelectric Project | Meeker, CO |
| Drop 4 Hydroelectric Facility | Montrose, CO |
| Drop 5 Hydroelectric Facility | Montrose, CO |
| Drop 6 Hydroelectric Facility | Montrose, CO |
| South Canal Hydro - Drops 1&3 | Montrose, CO |
| Tri-County Water Hydropower Plant | Ridgeway, CO |
| Upper Collinsville Hydroelectric Facility | Collinsville, CT |
| Mansfield Hollow Dam | Mansfield, CT |
| Hanover Pond Hydro | Meriden, CT |
| MSC Hydro | Putnam, CT |
| Mechanicsville Hydro | Thompson, CT |
| Jim Knight Hydroelectric | Bliss, ID |
| Sagebrush Hydroelectric Facility | Bliss, ID |
| Chester Diversion Hydroelectric Project | Chester, ID |
| North Gooding Main Hydroelectric | Gooding, ID |
| MC6 Hydroelectric Project | Kuna, ID |
| Little Wood River Ranch II | Shoshone, ID |
| St. Anthony Hydro | St. Anthony, ID |
| Fargo Hydroelectric Facility | Wilder, ID |
| BMPC Expanded Kansas River Hydropower Project, North Powerhouse | Lawrence, KS |
| Meldahl Hydroelectric Project | Foster, KY |
| Cannelton Hydroelectric Project | Hawesville, KY |
| Matilda Hamilton Fee Hydroelectric Station | Ravenna, KY |
| Smithland Hydroelectric Project | Smithland, KY |
| Glendale Hydroelectric Project Min Flow Unit | Stockbridge, MA |
| Chicopee Valley Aqueduct Fish Hatchery Pipeline Project | Weston, MA |
| Lower St. Anthony Falls Hydroelectric Project | Minneapolis, MN |
| Lower South Fork Hydroelectric Project | Bridger, MT |
| Flint Creek Hydro | Philipsburg, MT |
| Jordan Hydroelectric | Moncure, NC |
| Ampersand Brooklyn Dam | Groveton, NH |
| Stewarts Bridge Minimum Flow Unit-Hudson River Hydroelectric Project | Corinth, NY |
| Swinging Bridge Project | Forestburgh, NY |
| Rio Project | Glen Spey, NY |
| Stuyvesant Falls Hydroelectric Project | Stuyvesant, NY |
| Watson Hydro | Bend, OR |
| Watson Net Meter/ Micro Hydro Demonstration Facility | Bend, OR |
| 45 Mile Hydroelectric Facility | Culver, OR |
| Holtwood Hydroelectric Project | Holtwood, PA |
| Mahoning Creek Hydroelectric Project | New Bethlehem, PA |
| Lockhart Minimum Flow Unit | Lockhart, SC |
| Upper Pacolet Development | Pacolet, SC |
| R.C. Thomas Hydroelectric Project | Livingston, TX |
| Burnshire Hydro | Woodstock, VA |
| Ball Mountain Project | Jamaica, VT |
| North Hartland Bypass Flow Turbine | North Hartland, VT |
| Pownal Tannery Hydroelectric Facility | Pownal, VT |
| Townshend Project | Townshend, VT |
| Lower Baker Unit 4 | Concrete, WA |
| North Fork Skokomish Powerhouse | Hoodsport, WA |
| City of Black River Falls | City of Black River Falls, WI |
| Glen Ferris Hydroelectric Project | Montgomery, WV |
| Montgomery, WV | St. Marys, WV |

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